



EXAMINING GROUP 2676

PATENT

Customer No. 42304

Attorney Docket No. CLRV-003

Confirmation No. 9018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE


In re Application of:)
)
Candice Hellen Brown Elliott) Group Art Unit: 2676
)
Application No.: 10/051,612) Examiner: CASCHERA, Antonio A.
)
Filed: January 16, 2002)
)
For: CONVERSION OF A SUBPIXEL)
FORMAT DATA TO ANOTHER)
SUBPIXEL DATA FORMAT)
)
)
)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate of Transmission

I hereby certify that this correspondence is being deposited with the United States Post Office with sufficient postage as first class mail to the USPTO on the following date: September 19, 2005.

Carolyn Marsden
Printed Name


Signature

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached SB 08A and SB 08B forms. This Information Disclosure Statement is being filed pursuant to Section 1.97 (b) (4) – before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114.

Copies of the listed documents that are not US patent and patent applications are attached. Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making the appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies any documents as prior art against any claims in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

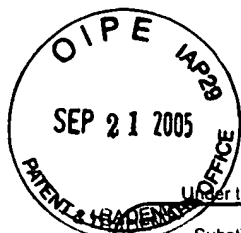
Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

Clairvoyante, Inc

Dated: 19 Sept 2005

By: Stuart P. Kaler
Stuart Kaler
Reg. No. 35,913



PTO/SB/08A (07-05)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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(Use as many sheets as necessary)

Sheet 1 of 10

Complete if Known

Application Number	10/051,612
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Art Unit	2676
Examiner Name	CASCHERA, Antonio A
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U. S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
		US- 4,439,759	03-27-1984	Fleming	
		US- 5,010,413	04-23-1991	Bahr	
		US- 5,062,057	10-29-1991	Blacken et al	
		US- 5,189,404	02-23-1993	Masimo et al	
		US- 5,196,924	03-23-1993	Lumelsky et al	
		US- 5,416,890	05-16-1995	Beretta	
		US- 5,438,649	08-01-1995	Ruetz	
		US- 5,448,652	09-05-1995	Vaidyanathan et al	
		US- 5,450,216	09-12-1995	Kasson	
		US- 5,477,240	12-19-1995	Huebner et al	
		US- 5,485,293	01-16-1996	Robinder	
		US- 5,646,702	07-08-1997	Akinwande et al	
		US- 5,719,639	02-17-1998	Imamura	
		US- 5,724,442	03-03-1998	Ogatsu et al	
		US- 5,731,818	05-24-1998	Wan et al	
		US- 5,739,802	04-14-1998	Mosier	
		US- 5,917,556	06-29-1999	Katayama	
		US- 5,933,253	08-03-1999	Ito et al	
		US- 6,054,832	04-25-2000	Kunzman et al	

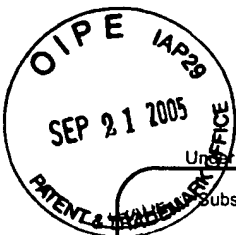
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		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		JP 2004004822	08-01-2004	Ko et al	Fully English	<input checked="" type="checkbox"/>
		WO 2004/021323 A2	03-11-2004	Rho et al		<input type="checkbox"/>
		WO 2004/027503 A1	04-01-2004	Roh et al		<input type="checkbox"/>
		WO 2004/086128 A1	10-07-2004	Kim et al		<input type="checkbox"/>
		WO 2005/050296 A1	06-02-2005	Yang et al		<input type="checkbox"/>
		WO 00/65432 A2	11-02-2000	Thielmans et al		<input type="checkbox"/>

Examiner Signature	Date Considered
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Art Unit	2676
Examiner Name	CASCHERA, Antonio A
Attorney Docket Number	CLRV-003

Sheet 2 of 10**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 6,069,670	05-30-2000	Borer	
		US- 6,108,053	08-22-2000	Pettitt et al	
		US- 6,151,001	11-21-2000	Anderson et al	
		US- 6,262,710 B1	07-17-2001	Smith	
		US- 6,278,434 B1	08-21-2001	Hill et al	
		US- 6,297,826 B1	10-02-2001	Semba et al	
		US- 6,326,981 B1	12-04-2001	Mori et al	
		US- 6,348,929 B1	02-19-2002	Acharya et al	
		US- 6,360,008 B1	03-19-2002	Suzuki et al	
		US- 6,396,505 B1	05-28-2002	Lui et al	
		US- 6,414,719 B1	07-02-2002	Parikh	
		US- 6,483,518 B1	11-19-2002	Perry et al	
		US- 6,538,742 B1	05-25-2003	Ohsawa	
		US- 6,570,584 B1	05-27-2003	Cok et al	
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		US- 6,624,828 B1	09-23-2003	Dresevic et al	
		US- 6,661,429 B1	12-09-2003	Phan	
		US- 6,674,436 B1	01-06-2004	Dresevic et al	
		US- 6,681,053 B1	01-20-2004	Zhu	

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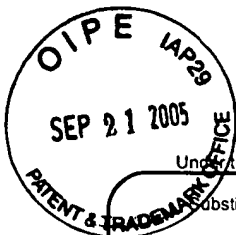
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		WO 00/67196 A1	11-09-2000	Lui et al		
		WO 2004/040548	05-13-2004	Ben-Chorin et al		
		EP 0 793 214 A1	09-03-1997	Gove et al		
		EP 1 083 539 A2	03-14-2001	Masuji et al		
		DE 201 09 354 U1	09-13-2001	Giantplus Technology Co.,		
		DE 299 09 537 U1	10-14-1999	Phan		

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Sheet 3

of 10

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Art Unit	2676
Examiner Name	CASCHERA, Antonio A
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		Number-Kind Code ² (if known)			
		US- 6,738,526 B1	05-18-2001	Betrissey et al	
		US- 6,801,220 B1	10-05-2004	Greier et al	
		US- 6,833,890 B2	12-21-2004	Hong et al	
		US- 6,850,294 B2	02-01-2005	Roh et al	
		US- 6,888,604 B2	05-03-2005	Rho et al	
		US- 6,714,206 B1	03-30-2004	Martin et al	
		US- 6,836,300 B2	12-28-2004	Choo et al	
		US- 6,867,549 B2	03-15-2005	Cok et al	
		US- 6,885,380 B1	04-26-2005	Primerano et al	
		US- 6,897,876 B2	05-24-2005	Murdoch et al	
		US- 6,903,378 B2	06-07-2005	Cok	
		US- 4,737,843	04-12-1988	Spencer	
		US- 4,946,259	08-07-1990	Matino et al	
		US- 5,642,176	06-24-1997	Abukawa et al	
		US- 5,880,707	03-09-1999	Aratani	
		US- 5,899,550	05-04-1999	Masaki	
		US- 5,903,366	05-11-1999	Hirabayashi et al	
		US- 5,929,843	06-27-1999	Tanioka	
		US- 6,714,243 B1	03-30-2004	Mathur et al	

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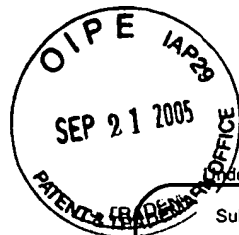
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		JP 2001203919	07-27-2001	Hayakawa	Abstract only	✓
		W0 97/23860	07-03-1997	Odmark		
		EP 0 322 106 A2	06-28-1989	Gibbons		
		JP 60-107022	06-12-1985	Hamada	Abstract only	✓
		JP 03-036239	05-30-1991			
		JP 03-78390	11-29-1999	Ishitani	Fully English	✓

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		US- 6,781,626 B1	08-24-2004	Wang	
		US- 2004/0021804 A1	02-05-2004	Hong et al	
		US- 2004/0085495 A1	05-06-2004	Roh et al	
		US- 2004/0095521 A1	05-20-2004	Song et al	
		US- 2004/0114046 A1	06-17-2004	Lee et al	
		US- 2004/0169807 A1	09-02-2004	Rho et al	
		US- 2004/0179160 A1	09-16-2004	Rhee et al	
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		US- 2004/0108818 A1	06-10-2004	Cok et al	
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		US- 2004/0189662 A1	09-30-2004	Friskien et al	
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		US- 2004/0239813 A1	12-02-2004	Klompenshouwer	
		US- 2004/0263528 A1	12-30-2004	Murdoch et al	
		US- 2005/0007539 A1	01-13-2005	Taguchi et al	
		US- 2005/0024380 A1	02-03-2005	Lin et al	
		US- 2005/0040760 A1	02-24-2005	Taguchi et al	

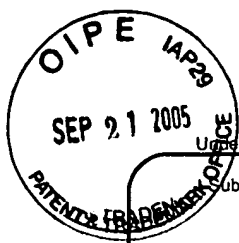
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		WO 01/29817 A1	04-26-2001	Ghuloum et al		
		WO 00/42564	07-20-2000	Platt et al		
		EP 0 671 650 A2	09-13-1995	Silverbrook		
		EP 0 878 969 A3	11-18-1998	Matsuda et al		
		DE 199 23 527 A1	11-22-2000	Bohlendorf	Fully English	✓

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		US- 2005/0140634 A1	06-30-2005	Takatori	
		US- 2002/0191130 A1	12-19-2002	Liang et al	
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		US- 2003/0218618 A1	11-27-2003	Phan	
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		US- 2005/0094871 A1	05-05-2005	Berns et al	
		US- 2005/0162600 A1	07-28-2005	Rho et al	
		US- 2005/0169551 A1	08-04-2005	Messing et al	
		US- 2003/0071943 A1	04-17-2003	Choo	
		US- 2003/0071826 A1	04-17-2003	Goertzen	
		US- 2002/0012071 A1	01-31-2002	Sun	

FOREIGN PATENT DOCUMENTS

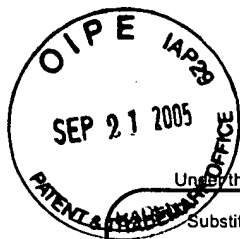
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STATEMENT BY APPLICANT**

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Sheet 6

of 10

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Application Number	10/051,612
Filing Date	January 16, 2002
First Named Inventor	BROWN ELLIOTT, Candice Helle
Art Unit	2676
Examiner Name	CASCHERA, Antonio A
Attorney Docket Number	CLRV-003

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 2003/0011613 A1	01-16-2003	Booth	
		US- 2002/0140831 A1	10-03-2002	Hayashi	
		US- 2003/0043567 A1	03-06-2003	Hoelen	
		US- 2001/0017515 A1	08-30-2001	Kusunoki	
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		US- 2002/0017645 A1	02-14-2002	Yamazaki	
		US- 2002/0015110 A1	02-07-2002	Brown Elliott	
		US- 2002/0122160 A1	09-05-2002	Kunzman	
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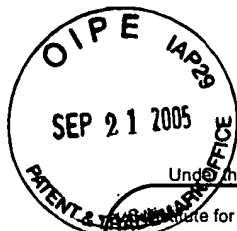
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Sheet	7	of	10
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NON PATENT LITERATURE DOCUMENTS

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		Brown Elliott, C, " Development of the PenTile Matrix™ Color AMLCD Subpixel Architecture and Rendering Algorithms", SID 2003, Journal Article	
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		Messing, Dean et al., Improved Display Resolution of Subsampled Colour Images Using Subpixel Addressing, IEEE ICIP 2002	
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		Feigenblatt, Ron, "Remarks on Microsoft ClearType™", http://www.geocities.com/SiliconValley/Ridge/6664/ClearType.html , Dec 5 1998, Dec 7 1998, Dec 12 1999, Dec 26 1999, Dec 30	
		Wandell, Brian A., Stanford University, "Fundamentals of Vision: Behavior...", Jun 12, 1994, Society for Information Display (SID) Short Course S-2, Fairmont Hotel, San Jose,	
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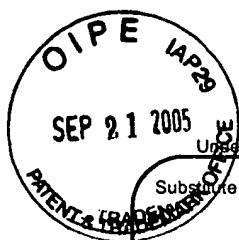
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Sheet 8

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10

Application Number

10/051,612

Filing Date

January 16, 2002

First Named Inventor

BROWN ELLIOTT

Art Unit

2676

Examiner Name

CASCHERA, Antonio A

Attorney Docket Number

CLRV-003

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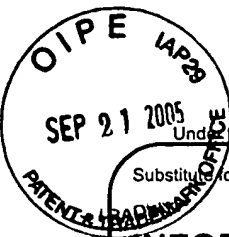
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		Okumura et al., "A New Flicker-Reduction Drive Method for High Resolution LCTVs", SID Digest, pp 551-554, 2001	
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		First Named Inventor	BROWN ELLIOTT
		Art Unit	2676
		Examiner Name	CASCHERA, Antonio A
Sheet 9	of 10	Attorney Docket Number	CLRV-003

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		"ClearType magnified", Wired Magazine, 11/8/99, Microsoft Typography, article posted 11/8/99, last updated 1/27/99 1 page	
		Credelle, Thomas, "P-00: MTF of High-Resolution PenTile Matrix Displays", Eurodisplay 02 Digest, 2002 Pages 1-4	
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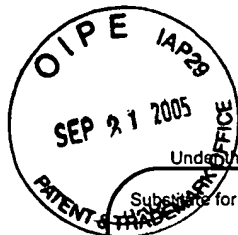
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Application Number	10/051,612
Filing Date	January 16, 2002
First Named Inventor	BROWN ELLIOTT
Art Unit	2676
Examiner Name	CASCHERA, Antonio A
Attorney Docket Number	CLRV-003

Sheet	10	of	10
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		"Microsoft ClearType," website, 03/26/03, 4 pages	
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